Bend that turns 5.73 degrees
x-level change in 62 ft <= 1.06 in.
extends from -667 to 667 ft
superelevation <= 6.0 in.

Distance (feet) from base line

balancing speed = 90 mph

Dots mark ends of Bend

base line normal to symmetry axis

Distance (feet) along base line

Figure 1

crossover with accel end zero order = 2
Jog extends from - 781 to 781 ft
superelevation <= 3 inches
x-level change in 62 ft <= 1.14 inches

balancing speed through crossover = 90 mph

dots mark ends of crossover

distance (feet) along tangent tracks

distance (feet) normal to tangents

Figure 2

simplified wiggle, swing from tangent = 20.0 ft

wiggle extends from - 1229 ft to 1229 ft

max cross-level change in 62 ft = 1.20 inches

swing (feet)

roll axis height = 8.0 ft
max roll angle = 0.083 rad
balance speed = 90 mph

ends of wiggle marked by dots

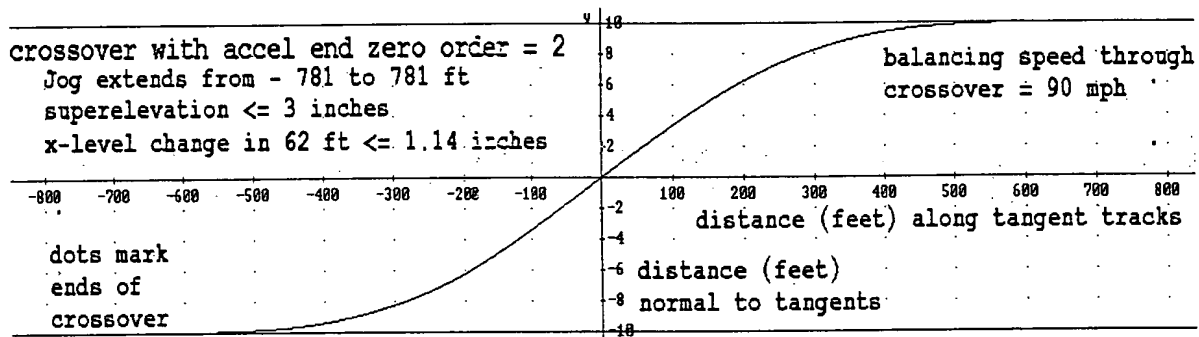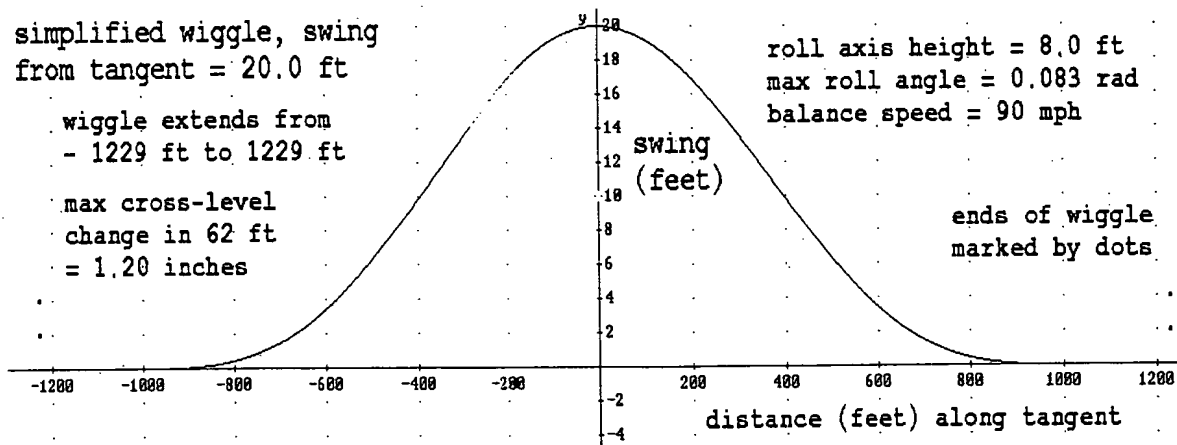distance (feet) along tangent

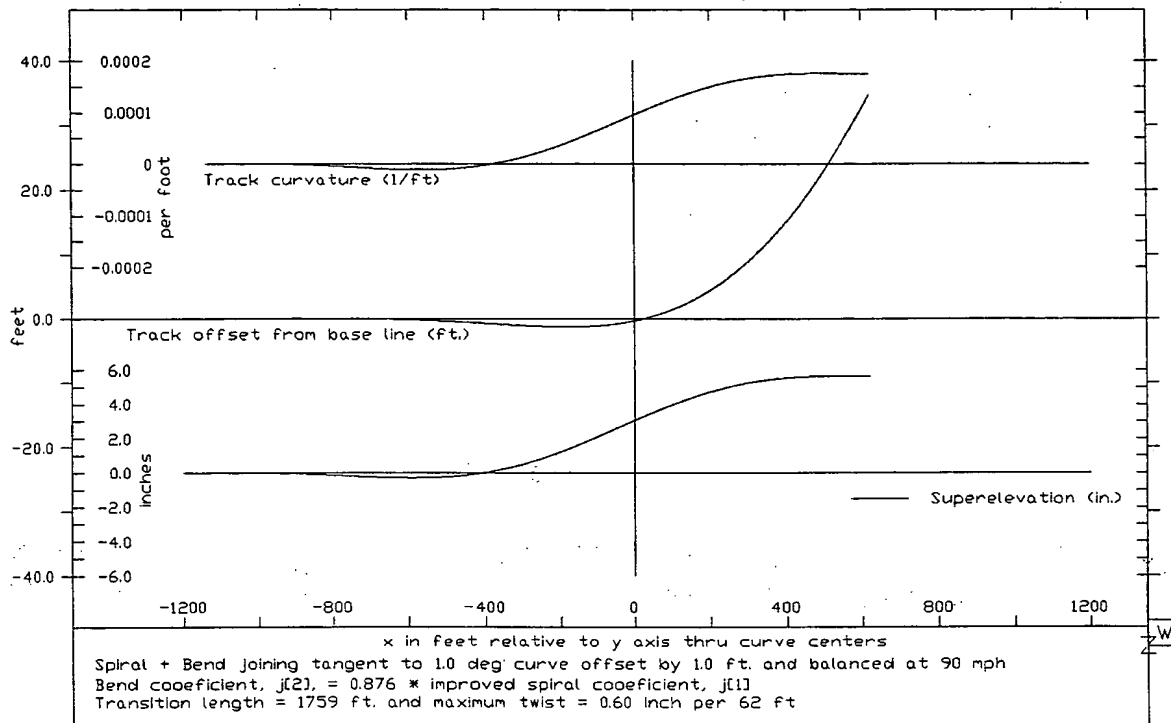Figure 3

Best Available Copy

Figure 4

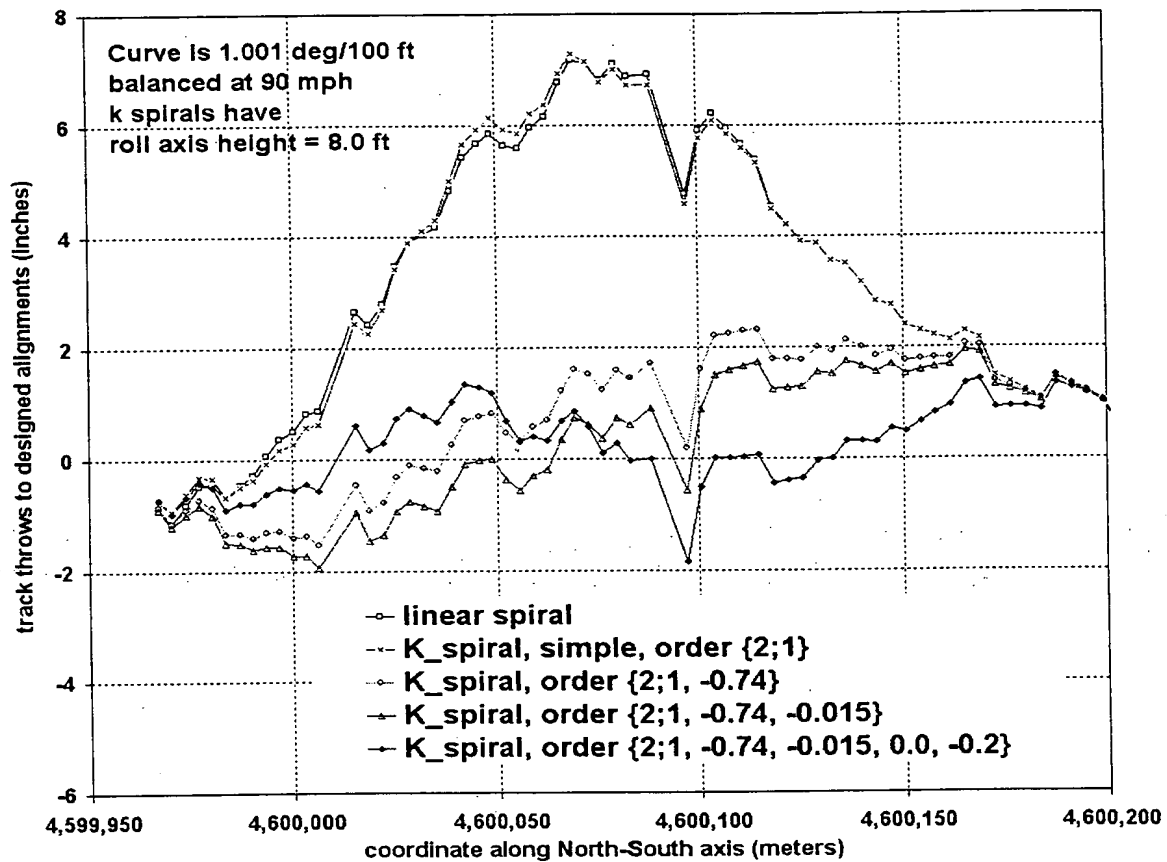lateral shifts to conform an existing deformed track spiral to computed spirals

Figure 5